April 1, 2005

8 PHASE LOCAL CONTROLLERS	1
CONDUCTOR CABLES	
CONFLICT MONITORS	
CONTROLLER CABINETS	
DETECTOR AMPLIFIERS	
FLASHERS	
HANGER ASSEMBLIES	
JUNCTION BOX FRAME & COVERS	
JUNCTION BOX FRAME & COVERS	
LOOP SEALANT	
SIGNAL HEADS	
TRAFFIC SIGNAL LAMP	/

Note: Material certifications are not required for materials on this listing. CONTACT PERSON - Travis L. Glenn (804-786-7611) or Michael L. Winn

APPROVAL COI	MATERIALS TESTING DE REQUIRED	DESCRIPTION	APPROVAL DATE	APPROVAL RESCINDED DATE	COMMENTS
		8 PHASE LOCAL CONTROLLERS			
001 002 0	01	TCT 8 Phase Local Controller, Model LC8800	5/4/1989	8-23-89	August 89 advertisement and later projects require features not included in this unit.
002 002 0	01	Transyt Corp. 8 Phase Local Controller, Model 1880E	5/4/1989	8-23-89	August 89 advertisement and later projects require features not included in this unit.
003 002 0	01	Eagle Signal Controls 8 Phase Local Controller, Model EPAC300	5/4/1989	8-23-89	August 89 advertisement and later projects require features not included in this unit.
005 002 0	01	Trafcon 8 Phase Local Controller, Model 840	8/4/1988	8-23-89	August 89 advertisement and later projects require features not included in this unit.
008 002 0	01	Winko-Matic/Multisonics Corp. 8 Phase Local Controller, Model 820	5/4/1989	8-23-89	August 89 advertisement and later projects require features not included in this unit.
077 002 0	01	Traconex Lt'd. 8 Phase Local Controller, Model TMP-390/8	5/4/1989	8-23-89	August 89 advertisement and later projects require features not included in this unit.
		CONDUCTOR CABLES			
025 080 0	01	Clifford Inc. Conductor Cable 12/1 IMSA 51-3	5/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025 082 0	01	Clifford Inc. Conductor Cable 14/1 IMSA 51-5	5/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062 082 0	01	King Wire & Cable Conductor Cable 14/1 IMSA 51-5	5/4/1989	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
065 082 0	01	Integral Corporation Conductor Cable 14/1 Signal-Duct	8/4/1988	11-04-94	No longer manufactured by Integral Corp.
104 082 0	01	Energy Electric Cable 14/1 IMSA 51-5 Part # 70320	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023 083 0		TW Comcorp Conductor Cable 14/2 Cat. # 14-2 (19-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023 083 0	02	TW Comcorp Conductor Cable 14/2 Cat. # 14-2 (20-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025 083 0	01	Clifford Inc. Conductor Cable 14/2 IMSA 19-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025 083 0	02	Clifford Inc. Conductor Cable 14/2 IMSA 20-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046 083 0	01	Houston Wire & Cable Conductor Cable 14/2 IMSA 20-1 Cat. # H15801	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062 083 0	01	King Wire & Cable Conductor Cable 14/2 IMSA 19-1 Part # K9502	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062 083 0	02	King Wire & Cable Conductor Cable 14/2 IMSA 20-1 Part # K9502	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104 083 0	01	Energy Electric Cable 14/2 IMSA 19-1 Part # 70102	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104 083 0	02	Energy Electric Cable 14/2 IMSA 20-1 Part # 70202	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023 084 0	01	TW Comcorp Conductor Cable 14/3 Cat. # 14-3 (19-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023 084 0	02	TW Comcorp Conductor Cable 14/3 Cat. # 14-3 (20-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025 084 0	01	Clifford Inc. Conductor Cable 14/3 IMSA 19-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025 084 0	02	Clifford Inc. Conductor Cable 14/3 IMSA 20-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.

			MATERIALS		ADDOMAI	APPROVAL	
APPRO	VALC	ODE	TESTING REQUIRED	DESCRIPTION	APPROVAL DATE	RESCINDED DATE	COMMENTS
046	084	01	REQUIRED	Houston Wire & Cable Conductor Cable 14/3 IMSA 20-1 Cat. # H15802	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	084	01		King Wire & Cable Conductor Cable 14/3 IMSA 19-1 Part # K9503	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	084	02		King Wire & Cable Conductor Cable 14/3 IMSA 20-1 Part # K9503	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	084	01		Energy Electric Cable 14/3 IMSA 19-1 Part # 70103	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	084	02		Energy Electric Cable 14/3 IMSA 20-1 Part # 70203	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023	085	01		TW Comcorp Conductor Cable 14/4 Cat. # 14-4 (19-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023	085	02		TW Comcorp Conductor Cable 14/4 Cat. # 14-4 (20-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025	085	01		Clifford Inc. Conductor Cable 14/4 IMSA 19-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025	085	02		Clifford Inc. Conductor Cable 14/4 IMSA 20-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046	085	01		Houston Wire & Cable Conductor Cable 14/4 IMSA 20-1 Cat. # H15803	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	085	01		King Wire & Cable Conductor Cable 14/4 IMSA 19-1 Part # K9504	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	085	02		King Wire & Cable Conductor Cable 14/4 IMSA 20-1 Part # K9504	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	085	01		Energy Electric Cable 14/4 IMSA 19-1 Part # 70104	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	085	02		Energy Electric Cable 14/4 IMSA 20-1 Part # 70204	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023	088	01		TW Comcorp Conductor Cable 14/7 Cat. # 14-7 (19-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023	088	02		TW Comcorp Conductor Cable 14/7 Cat. # 14-7 (20-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025	088	01		Clifford Inc. Conductor Cable 14/7 IMSA 19-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025	088	02		Clifford Inc. Conductor Cable 14/7 IMSA 20-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046	088	01		Houston Wire & Cable Conductor Cable 14/7 IMSA 20-1 Cat. # H15805	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	088	01		King Wire & Cable Conductor Cable 14/7 IMSA 19-1 Part # K9507	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	088	02		King Wire & Cable Conductor Cable 14/7 IMSA 20-1 Part # K9507	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	088	01		Energy Electric Cable 14/7 IMSA 19-1 Part # 70107	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	088	02		Energy Electric Cable 14/7 IMSA 20-1 Part # 70207	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023	093	01		TW Comcorp Conductor Cable 14/12 Cat. # 14-12 (19-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023	093	02		TW Comcorp Conductor Cable 14/12 Cat. # 14-12 (20-1) - 1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025	093	01		Clifford Inc. Conductor Cable 14/12 IMSA 19-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025	093	02		Clifford Inc. Conductor Cable 14/12 IMSA 20-1	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046	093	01		Houston Wire & Cable Conductor Cable 14/12 IMSA 20-1 Cat. # H15807	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	093	01		King Wire & Cable Conductor Cable 14/12 IMSA 19-1 Part # K9512	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062	093	02		King Wire & Cable Conductor Cable 14/12 IMSA 20-1 Part # K9512	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	093	01		Energy Electric Cable 14/12 IMSA 19-1 Part # 70112	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104	093	02		Energy Electric Cable 14/12 IMSA 20-1 Part # 70212	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.

	MATERIALS TESTING		APPROVAL	APPROVAL RESCINDED	
APPROVAL CODE	REQUIRED	DESCRIPTION	DATE	DATE	COMMENTS
023 096 01		TW Comcorp Conductor Cable 14/2 (S) Cat. # 14-IMSA 50/2 -19T	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
025 096 01		Clifford Inc. Conduc. Cable 14/2 (S) IMSA 50-2	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
062 096 01		King Wire & Cable Conductor Cable 14/2 (S) IMSA 50-2	5/4/1989	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
104 096 01		Energy Electric Cable 14/2 (S) IMSA 50-2 Part # 1852	5/4/1990	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046 098 01		Houston Wire & Cable Conductor Cable, 14/8 (S) IMSA 20-2 Cat. # H16125	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
023 100 01		TW Comcorp Conduc. Cable 14/12 (S) Cat. # 14-12 (19-2) -1B	11/1/1987	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046 100 01		Houston Wire & Cable Conductor Cable, 14/12 (S) IMSA 20-2 Cat. # H16126	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
046 102 01		Houston Wire & Cable Conductor Cable, 14/24 (S) IMSA 20-2 Cat. # H16129	8/4/1988	10-04-90	For verification, approved company's name must match manufacturer's name printed on cable.
		CONFLICT MONITORS			
001 008 01		Traffic Control Technologies, Conflict Monitor Model LSM12	8/4/1988	12-19-90	December 90 advertisement and later projects require features not included in this unit.
009 008 01		EDI Conflict Monitor, Model SSM-12LE	8/4/1988	04-01-93	Rescinded to show expanded model numbers for the LE series conflict monitors.
009 008 02		EDI Conflict Monitor, Model SSM-12L	8/4/1988	3-22-89	March 89 advertisement and later projects require features not included in this unit.
055 008 01		Solid State Devices Conflict Monitor Model NP-12G	8/4/1988	3-22-89	March 89 advertisement and later projects require features not included in this unit.
		CONTROLLER CABINETS			
006 005 01		Hennessy Products Controller Cabinet P-38, Aluminum	11/1/1987	9-25-91	Main door lock shall be Department St'd. tumbler lock # 9R48773. Beginning with March 89 advertisements, filter size shall be 14" x 20" x 1". Beginning with July 89 advertisements, air inlet vent shall be screened. September 91 advertisement and later projects require 44" cabinet width.
087 005 01		Suncoast Metal Fabricators, Type 5 P-38 Cabinet	5/4/1989	9-25-91	Main door lock shall be Department St'd. tumbler lock #9R48773. Beginning with March 89 advertisements, filter size shall be 14" x 20" x 1". Beginning with July 89 advertisements, air inlet vent shall be screened. September 91 advertisement and later projects require 44" cabinet width.
093 005 01		Naztec Controller Cabinet P-38	8/4/1989	9-25-91	Main door lock shall be Department St'd. tumbler lock #9R48773. Beginning with March 89 advertisements, filter size shall be 14" x 20" x 1". Beginning with July 89 advertisements, air inlet vent shall be screened. September 91 advertisement and later projects require 44" cabinet width.
		DETECTOR AMPLIFIERS			
016 035 01		Teeco Safety Magnetic Detector Amplifier Model 308XS	5/4/1990	4-1-93	Specifications require metal body enclosure this unit has a plastic body.

APPRO	OVAL (CODE	MATERIALS TESTING REQUIRED	DESCRIPTION	APPROVAL DATE	APPROVAL RESCINDED DATE	COMMENTS
				FLASHERS			
043	010	04		Traffic Sensor Corp. Flasher 2017C	5/4/1990	4-1-93	Unit does not conform to NEMA requirements.
				HANGER ASSEMBLIES			
005	166	01		Trafcon Hanger Assembly SW-1, One Way, Part # 190 101 154	11/1/1987	1-03-96	Span wire clamp assembly only.
015	166	02		Pelco Products, Inc. Hanger Assembly SW-1, One Way, Cat. # SE-3033	5/4/1989	1-03-96	All ferrous components shall be galvanized. Beginning with March 89 advertisments, balance adjuster # 3109SP shall be used in lieu of #3108.
030	166	01		Engineered Castings, Inc. Hanger Assembly SW-1, One Way, Cat. # 2083-T & Cat. # 2076	5/4/1989	11-03-89	All ferrous components shall be galvanized. An approved span wire clamp and balance adjuster is required.
015	167	01		Pelco Products, Inc. Hanger Assembly SW-1, Two Way, Cat. # SE-3059 & SE-3108	11/4/1988	11-03-89	All ferrous components shall be galvanized. Beginning with March 89 advertisements, a locknut will be required on the vertical eyelet bolt of the balance adjuster.
				JUNCTION BOX FRAME & COVERS			
021	058	01	Yes	Dewey Bros. of Va Inc. Frame & Cover Casting Design # JB-1A	11/1/1987	7-10-90	Steel rod may be used in lieu of brass lifting ring.
021	058	02	Yes	Dewey Bros. of Va. Inc. Frame & Cover JB-1A	5/21/1991	1/01/04	
035		01	Yes	Capital Foundry Frame And Cover, Design # JB-1A	8/4/1988	7-10-90	
064		01	Yes	East Jordan Iron Works, Inc. Frame & Cover JB-1A Catalog # 8301	8/4/1988	7-10-90	
100	058	01	Yes	Neenah Foundry Company Frame & Cover JB-1A Design # R-6665-2BP	2/5/1990	7-10-90	
035	061	01	Yes	Capital Foundry Frame And Cover, Design # JB-2A	8/4/1988	7-10-90	
100	061	01	Yes	Neenah Foundry Company Frame & Cover JB-2A Design # R-6665-3AP	2/5/1990	7-10-90	
021	064	01	Yes	Dewey Bros. of Va Inc. Frame & Cover Casting Design # JB-3A	11/1/1987	7-10-90	Steel rod may be used in lieu of brass lifting ring.
021	064	02	Yes	Dewey Bros. of Va. Inc. Frame & Cover JB-3A	5/21/1991	1/01/04	
035	064	01	Yes	Capital Foundry Frame And Cover, Design # JB-3A	8/4/1988	7-10-90	
064			Yes	East Jordan Iron Works, Inc. Frame & Cover JB-3A Catalog # 8304	8/4/1988	7-10-90	
100	064	01	Yes	Neenah Foundry Company Frame & Cover JB-3A Design # R-6665-2EP	2/5/1990	7-10-90	
100	066	01	Yes	Neenah Foundry Company Frame & Cover JB-4A Design # R-6665-3CP	2/5/1990	7-10-90	

			MATERIALS TESTING		APPROVAL	APPROVAL RESCINDED	
APPRO	OVAL (CODE	REQUIRED	DESCRIPTION	DATE	DATE	COMMENTS
021		01	Yes	Dewey Bros. of Va Inc. Frame & Cover Casting Design # JB-5A	11/1/1987	7-10-90	Steel rod may be used in lieu of brass lifting ring.
021	070	02	Yes	Dewey Bros. of Va. Inc. Frame & Cover JB-5A	5/21/1991	1/01/04	
035	070	01	Yes	Capital Foundry Frame And Cover, Design # JB-5A	8/4/1988	7-10-90	
064	070	01	Yes	East Jordan Iron Works, Inc. Frame & Cover JB-5A Catalog # 8308	8/4/1988	7-10-90	
100	070	01	Yes	Neenah Foundry Company Frame & Cover JB-5A Design # R-6665-2MP	2/5/1990	7-10-90	
				JUNCTION BOXES			
019	040	01	Yes	Smith-Midland Corp. Junction Box JB-1A	11/1/1987	7-10-90	
020	040	01	Yes	Salem Concrete Products Inc. J-Box JB-1A 12" x 12"	11/1/1987	7-10-90	Drain hole shall be 2" diameter.
041	040	01	Yes	Virginia Precast Corp. Junction Box JB-1A 13" x 13"	5/4/1988	7-10-90	
067	040	01	Yes	Miscellaneous Concrete Products J-Box JB-1A 12" x 12"	8/4/1988	7-10-90	
101	040	01	Yes	Precast Junction Box JB-1A 12" x 12"	2/5/1990	7-10-90	
094	042	01		CDR Junction Box JB-1C 13" X 24" Part # A12-1324-18, E02-1324-08	8/4/1989	12-05-97	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame required.
118	042	02		Associated Plastics Junction Box JB-1C, 12" x 12"	1/3/1996	01-16-98	Assembly consisting of PZ 1212/24 box with a PZ 1212 cover. Specifications require a 1/8 " neoprene gasket permanently attached to frame.
020	043	01	Yes	Salem Concrete Products, Inc. J-Box JB-2A 12" x 18"	5/4/1988	7-10-90	Drain hole shall be 2" diameter.
041	043	01	Yes	Virginia Precast Corp. Junction Box JB-2A 13" x 18.5"	5/4/1988	7-10-90	
067	043	01	Yes	Miscellaneous Concrete Products J-Box JB-2A 12" x 18"	8/4/1988	7-10-90	
101	043	01	Yes	Precast Junction Box JB-2A 12" x 18"	2/5/1990	7-10-90	
094	045	01		CDR Junction Box JB-2C 13" X 24" Part # A12-1324-18, E02-1324-08	8/4/1989	01-16-98	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame required.
019	046	01	Yes	Smith-Midland Corp. Junction Box JB-3A 1818	11/1/1987	7-10-90	
020	046	01	Yes	Salem Concrete Products Inc. J-Box JB-3A 18" x 18"	11/1/1987	7-10-90	Drain hole shall be 2" diameter.
041	046	01	Yes	Virginia Precast Corp. Junction Box JB-3A 18.5" x 18.5"	5/4/1988	7-10-90	
067	046	01	Yes	Miscellaneous Concrete Products J-Box JB-3A 18" x 18"	8/4/1988	7-10-90	
101	046	01	Yes	Precast Junction Box JB-3A 18" x 18"	2/5/1990	7-10-90	
094	048	01		CDR Junction Box JB-3C 17" X 30" Part # A12-1730-18, E02-1730-08	8/4/1989	01-16-98	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame required.
095	048	01		Amorcast Junction Box JB-3C 17" X 30" Part # 6001640 & FRP extension	8/4/1989	12-19-91	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame rquired.

			MATERIALS TESTING		APPROVAL	APPROVAL RESCINDED	
APPR	OVAL (CODE	REQUIRED	DESCRIPTION	DATE	DATE	COMMENTS
020		01	Yes	Salem Concrete Products, Inc. J-Box JB-4A 18" x 24"	5/4/1988	7-10-90	Drain hole shall be 2" diameter.
041	049		Yes	Virginia Precast Corp. Junction Box JB-4A 18.5" x 25.75"	5/4/1988	7-10-90	
067	049	01	Yes	Miscellaneous Concrete Products J-Box JB-4A 18" x 24"	8/4/1988	7-10-90	
101		01	Yes	Precast Junction Box JB-4A 18" x 24"	2/5/1990	7-10-90	
094	051	01		CDR Junction Box JB-4C 17" X 30" Part # A12-1730-18, E02-1730-08	8/4/1989	01-16-98	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame required.
095	051	01		Amorcast Junction Box JB-4C 17" X 30" Part # 6001640 & FRP extension	8/4/1989	12-19-91	Bottom of knockouts shall be positioned 2" above the bottom of the junction box.1/8" neoprene gasket permanently attached to frame required.
019	052	01	Yes	Smith-Midland Corp. Junction Box JB-5A 2424	11/1/1987	7-10-90	
020	052	01	Yes	Salem Concrete Products Inc. J-Box JB-5A 24" x 24"	11/1/1987	7-10-90	Drain hole shall be 2" diameter.
041	052	01	Yes	Virginia Precast Corp. Junction Box JB-5A 25.75" x 25.75"	5/4/1988	7-10-90	
067	052	01	Yes	Miscellaneous Concrete Products J-Box JB-5A 24" x 24"	8/4/1988	7-10-90	
101	052	01	Yes	Precast Junction Box JB-5A 24" x 24"	2/5/1990	7-10-90	
094	055	01		CDR Junction Box JB-5C 24" X 36" Part # A12-2436-18, E02-2436-08	8/4/1989	01-16-98	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame required.
095	055	01		Amorcast Junction Box JB-5C 24" X 36" Part # 6001974 & FRP extension	8/4/1989	12-19-91	Bottom of knockouts shall be positioned 2" above the bottom of the junction box. 1/8" neoprene gasket permanently attached to frame required.
				LOOP SEALANT			
014	188	01		3M Detector Loop Sealant	4/1/1993	10-10-95	
031		01	Yes	Dynatron/Bondo Corp. P-606 Loop Sealant	11/1/1987	10-10-95	
031		01	Yes	W. R. Meadows Inc. Sealex Loop Sealant	11/1/1987	01-16-98	Installation requires overlayment of "MEL-DEK" directly over the saw cut when loop is installed in base coarse.
071		01	Yes	Preco Industries, Ltd. Gold Label Flex II Loop Sealant	11/4/1988	10-10-95	instantation requires overlayment of MLE-DER affectly over the saw cut when loop is instanted in ouse course.
077		01	Yes	Traconnex Ltd. PolyBond Loop Sealant	2/4/1989	10-10-95	
077	100	01	103	Theomex Etc. For John Ecop Scalant	2/ 1/1909	10 10 75	
				SIGNAL HEADS			
001	027	01		TCT Pedestrian Signal Head SP-1, 12" Alum., Glass Lens	5/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
001	027	02		TCT Pedestrian Signal Head SP-1, 12" Alum., Poly Lens	5/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
039	027	01		Econolite Pedestrian Signal Head SP-1, 12" Alum., Cat.# 54365G1Y	2/4/1988	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
039	027	02		Econolite Pedestrian Signal Head SP-1, 12" Alum., Cat.# 54365G11Y	2/4/1988	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
039	027	03		Econolite Pedestrian Signal Head SP-1, 8" Alum., Cat.# 54230G1Y	2/4/1988	5-04-88	St'd. SP-1 allows 12" head sections only.

April 1, 2005

			MATERIALS TESTING		APPROVAL	APPROVAL RESCINDED	
APPRO	OVAL (CODE	REQUIRED	DESCRIPTION	APPROVAL DATE	DATE	COMMENTS
039		04	THE QUITED	Econolite Pedestrian Signal Head SP-1, 8" Alum., Cat.# 54230G2Y	2/4/1988	5-04-88	St'd. SP-1 allows 12" head sections only.
039	027	05		Econolite Pedestrian Signal Head SP-1, 8" Alum., Cat.# 54230G11Y	2/4/1988	5-04-88	St'd. SP-1 allows 12" head sections only.
039	027	06		Econolite Pedestrian Signal Head SP-1, 8" Alum., Cat.# 54230G12Y	2/4/1988	5-04-88	St'd. SP-1 allows 12" head sections only.
148	027	01		Chapel Hill Mfg., Pedestrian Signal Head SP-1,12" Aluminum	3/1/2000	9/30/02	Lens shall be glass. Reflector shall be glass or aluminum (St'd. SP-1 & SP-2 voided by 2000 MUTCD)
001	028	01		TCT Pedestrian Signal Head SP-1, 12" Polycarbonate, Glass Lens	8/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
001	028	02		TCT Pedestrian Signal Head SP-1, 12" Polycarbonate, Poly Lens	8/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
003	028	01		Eagle Signal Controls Pedestrian Signal Head SP-1, 12" Polycarbonate, Poly Lens	5/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
005	028	01		Trafcon Pedestrian Signal Head SP-1, 12" Polycarbonate	11/1/1987	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
074	028	01		McCain Traffic Supply Pedestrain Signal Head SP-1, 12" Poly., Glass Lens	10/4/1990	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
074	028	02		McCain Traffic Supply Pedestrain Signal Head SP-1, 12" Poly., Poly. Lens	10/4/1990	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
148	028	02		Chapel Hill Mfg., Pedestrian Signal Head SP-2, 12" Polycarbon	3/1/2000	9/30/02	Lens shall be glass. Reflector shall be glass or aluminum (St'd. SP-1 & SP-2 voided by 2000 MUTCD)
076	029	01		I C C Pedestrian Signal Head SP-2 Type A, Alum., Model # 7037-12, Glass Lens	2/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
076	029	02		I C C Pedestrian Signal Head SP-2 Type A, Alum., Model # 7037-12, Poly Lens	2/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
076	029	03		I C C Pedestrian Signal Head SP-2 Type B, Alum., Model # 4037-12, Glass Lens	2/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
076	029	04		I C C Pedestrian Signal Head SP-2 Type B, Alum., Model # 4037-12, Poly Lens	2/4/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
099	029	01		Judal Pedestrian Signal Head SP-2 Type A, Alum., Model P-7, Glass Lens	11/3/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
099	029	02		Judal Pedestrian Signal Head SP-2 Type A, Alum., Model P-7, Poly Lens	11/3/1989	9/30/02	St'd. SP-1 & SP-2 voided by 2000 MUTCD
				TRAFFIC SIGNAL LAMP			
				TRAFFIC SIGNAL LAMI			
091	316	01		Hytron Electric Products, Standard Traffic Signal Lamps, 60 Watts	8/4/1989	11-04-94	8" Amber Flasher Section.
091	317	01		Hytron Electric Products, Standard Traffic Signal Lamps, 100 Watts	8/4/1989	11-04-94	8" Standard Traffic Signal Head Section and 12" Amber Flasher Section.
091	318	01		Hytron Electric Products, Standard Traffic Signal Lamps, 150 Watts	8/4/1989	11-04-94	12" Standard Traffic Signal Head Section.

Note: Material certifications are not required for materials on this listing.

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